

# Converting Colors

YUV(44.4100, -1.6811, 25.9504)

Have a look what the booklet for  
YUV(44.4100, -1.6811, 25.9504)  
contains.

<b>YUV(44.4100, -1.6811, 25.9504)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(44.4100, -1.6811,  
25.9504)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A1E29
RGB	74, 30, 41
RGB Percent	29%, 12%, 16%
CMY	0.7098, 0.8824, 0.8392
CMYK	0.00, 0.59, 0.45, 0.71
HSL	345°, 42%, 20%
HSV	345°, 59%, 29%
XYZ	3.6886, 2.5445, 2.3945
YIQ	44.4100, 22.6930, 12.7490

# Conversions

## Conversions Part 2

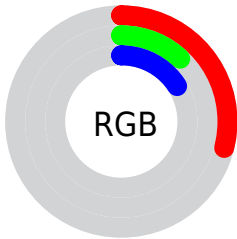
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 30, 41
Decimal	4857385
CIELab	18.12, 22.22, 2.79
CIElCh	18, 22.393, 7.160
Yxy	2.5445, 0.4275, 0.2949
Android (android.graphics.Color)	4283047465 (0xFF4A1E29)
YUV	44.4100, -1.6811, 25.9504
Hunter-Lab	15.9515, 13.3606, 2.2657




# Details

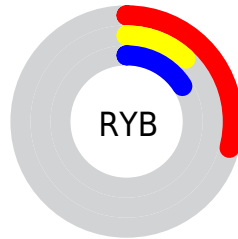
The YUV color **44.4100, -1.6811, 25.9504** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **59.5900, 1.6811, -25.9504**, and the grayscale version is **44.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **91.7910, -2.8550, 29.1243**, and **8.1870, -3.5432, 16.4990** is the 20% darker color. If you saturate the color by 10%, you get **39.6170, -2.2762, 30.1539**, and if you desaturate by 10%, it is **49.2030, -1.0861, 21.7470**.

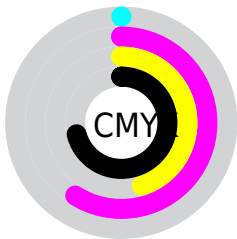
# Distribution







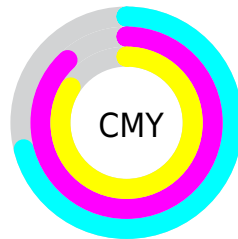
-  Red (29%)
-  Green (12%)
-  Blue (16%)






-  Red (29%)
-  Yellow (12%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (59%)
-  Yellow (45%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (88%)
-  Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 44.4100, -1.6811, 25.9504 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 44.4100, -1.6811, 25.9504 by changing the saturation by 10% instead.



■ 44.4100, -1.6811,  
25.9504

■ 44.4100, -1.6811,  
25.9504

■ 255.0000, 0.0000,  
0.0000

■ 22.0400, -0.5127,  
24.5209

■ 91.7910, -2.8550,  
29.1243

■ 8.1870, -3.5432,  
16.4990

■ 116.3890, -3.1498,  
30.3538

■ 0.0000, 0.0000,  
0.0000

■ 142.4000, -3.1552,  
32.0982

■ 169.5850, -3.7394,  
32.8130

■ 196.2970, -3.5974,  
33.9425

■ 221.9050, -2.4182,

29.0243

241.5330, 1.7092,  
11.8106

44.4100, -1.6811,  
25.9504

44.4100, -1.6811,  
25.9504

39.6170, -2.2762,  
30.1539

49.2030, -1.0861,  
21.7470

34.3510, -2.1450,  
34.7722

54.4690, -1.2172,  
17.1287

29.5580, -2.7401,  
38.9756

59.2620, -0.6222,  
12.9252

24.2920, -2.6090,  
43.5939

64.5280, -0.7533,  
8.3069

69.3210, -0.1583,  
4.1035

■ 74.0000, 0.0000,  
0.0000

■ 79.3800, 0.3057,  
-4.7183

■ 84.0590, 0.4639,  
-8.8217

■ 89.4390, 0.7696,  
-13.5400

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.3150, 5.7607, 19.0177



44.4100, -1.6811, 25.9504



43.8630, -8.8065, 24.6761

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.4100, -1.6811, 25.9504



40.5680, -11.6190, -6.6371



37.1990, 18.1429, -32.6235

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.4100, -1.6811, 25.9504



59.5900, 1.6811, -25.9504

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.7060, 12.4699, -33.0682



44.4100, -1.6811, 25.9504



35.5640, -2.2501, -25.0506

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.4100, -1.6811, 25.9504



42.3910, -16.4618, 6.6731



35.9960, 5.9180, -31.5685



41.3580, 17.0785, -17.8540



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.4100, -1.6811, 25.9504



43.6900, -13.1582, 20.4429



35.9960, 5.9180, -31.5685



37.4440, 16.5431, -32.8384

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.4100, -1.6811, 25.9504



84.9520, -0.4693, 10.5661



44.8830, 14.3547, 15.8886



41.2180, -0.6005, 5.9478



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.4100, -1.6811, 25.9504



50.5690, -2.7455, 40.7200



49.6130, -9.6692, 21.3874



35.3100, -0.1528, 2.3591



33.4620, -3.6788, 60.1078



75.2680, -9.0061, 135.7000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.4100, -1.6811, 25.9504



50.5690, -2.7455, 40.7200



54.3870, 9.6692, -21.3874



35.3100, -0.1528, 2.3591



33.4620, -3.6788, 60.1078

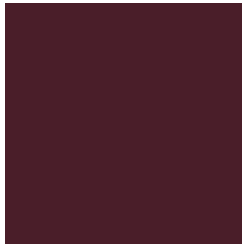


75.2680, -9.0061, 135.7000



# Previews

## White Background



This preview shows how the YUV color 44.4100, -1.6811, 25.9504 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

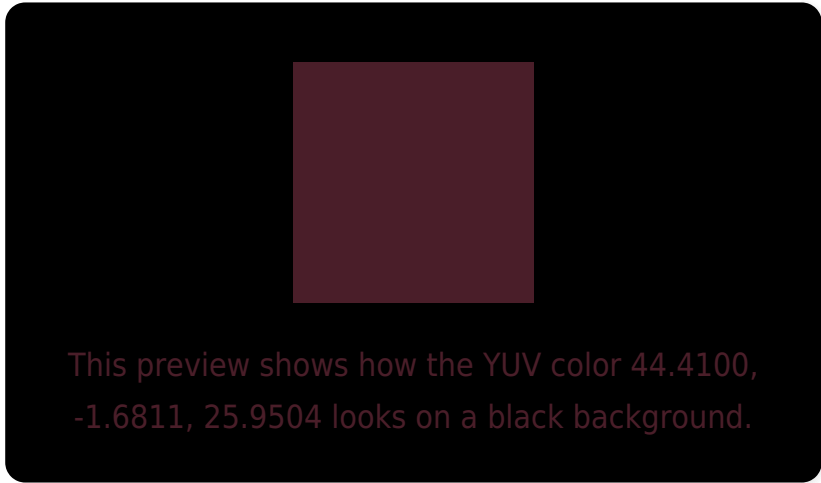
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

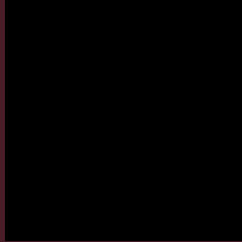
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 44.4100, -1.6811, 25.9504

## Background



This preview shows how black text looks on a background with the YUV color 44.4100, -1.6811, 25.9504.



This preview shows how white text looks on a background with the YUV color 44.4100, -1.6811,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

44.4100, -1.6811, 25.9504

### Protanopia

45.4560, 1.7472, -0.3999

### Deuteranopia

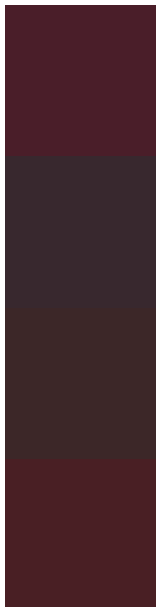
45.8220, -3.3632, 5.4181



## Tritanopia

43.7860, -5.3175, 25.6207

# Trichromacy



## Original Color

44.4100, -1.6811, 25.9504

## Protanomaly

45.4680, 0.2623, 9.2366

## Deuteranomaly

45.3930, -2.6587, 12.8103

## Tritanomaly

44.1280, -4.0071, 25.3207

# Monochromacy



## Original Color

44.4100, -1.6811, 25.9504

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

44.2400, -0.6113, 9.4365

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 44.4100, -1.6811, 25.9504 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(74, 30, 41)` looks like.

```
.text, #text, p{  
    color:rgb(74, 30, 41)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(74, 30, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 30, 41) }
```

## Border

The CSS property to change the border of an element to YUV 44.4100, -1.6811, 25.9504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(74, 30, 41) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(74, 30, 41) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(74, 30, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 30, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 30, 41);  
box-shadow:4px 4px 4px 4px rgb(74, 30, 41)  
}
```

# Background

The CSS property to change the background color of an element to YUV 44.4100, -1.6811, 25.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 30, 41) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(74, 30,  
41) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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